

# M-900iB/400L (Long arm)



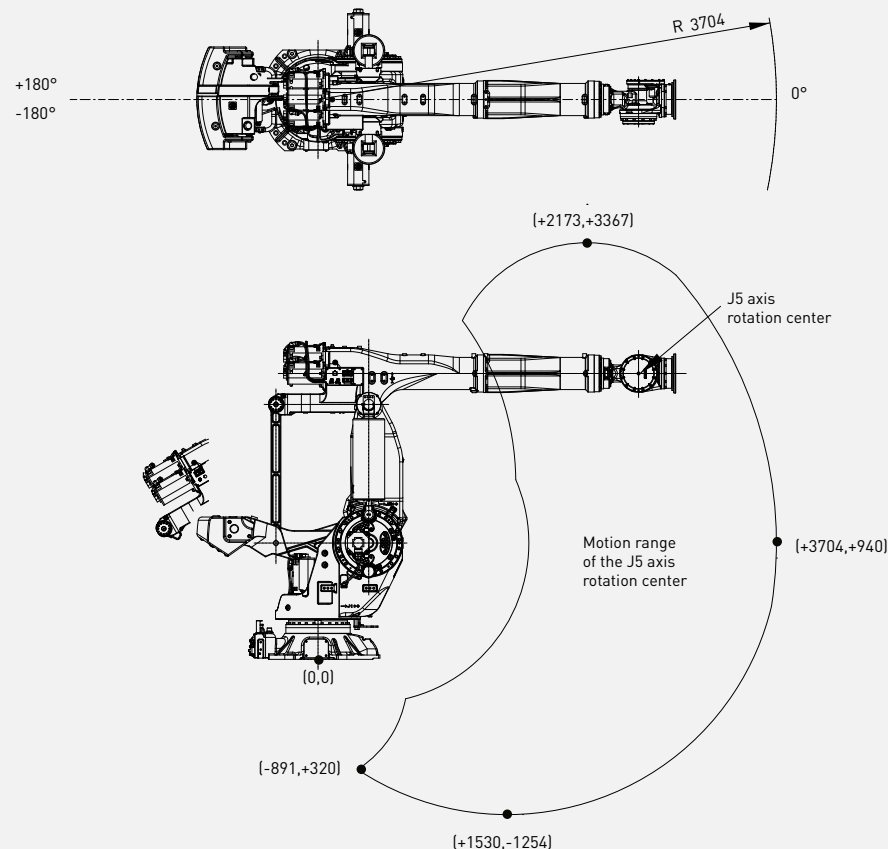
Max. load capacity  
at wrist: **400 kg**



Max. reach:  
**3704 mm**

| Controlled axes | Repeatability (mm) | Mechanical weight (kg) | Motion range [°] |     |     |     |     |     | Maximum speed [°/s] |    |    |     |     |     | J4 Moment/Inertia (Nm/kgm <sup>2</sup> ) | J5 Moment/Inertia (Nm/kgm <sup>2</sup> ) | J6 Moment/Inertia (Nm/kgm <sup>2</sup> ) |
|-----------------|--------------------|------------------------|------------------|-----|-----|-----|-----|-----|---------------------|----|----|-----|-----|-----|------------------------------------------|------------------------------------------|------------------------------------------|
|                 |                    |                        | J1               | J2  | J3  | J4  | J5  | J6  | J1                  | J2 | J3 | J4  | J5  | J6  |                                          |                                          |                                          |
| 6               | ± 0.1*             | 3150                   | 360              | 154 | 160 | 720 | 244 | 720 | 80                  | 80 | 80 | 100 | 100 | 160 | 3400/1098                                | 3400/1098                                | 1725/444                                 |

## Working range



## Robot

## M-900iB/400L

|                               |            |
|-------------------------------|------------|
| Robot footprint [mm]          | 1009 X 814 |
| Mounting position Floor       | ●          |
| Mounting position Upside down | -          |
| Mounting position Angle       | -          |



## Controller

## R-30iB Plus

|                  |   |
|------------------|---|
| Open air cabinet | - |
| Mate cabinet     | - |
| A-cabinet        | - |
| B-cabinet        | ● |
| iPendant Touch   | ● |

## Electrical connections

|                                |         |
|--------------------------------|---------|
| Voltage 50/60Hz 3phase [V]     | 380-575 |
| Voltage 50/60Hz 1phase [V]     | -       |
| Average power consumption [kW] | 5       |

## Integrated services

|                                        |     |
|----------------------------------------|-----|
| Integrated signals on upper arm In/Out | 8/8 |
| Integrated air supply                  | 2   |

## Environment

|                           |      |
|---------------------------|------|
| Acoustic noise level [dB] | 76.3 |
| Ambient temperature [° C] | 0-45 |

## Protection

|                                  |           |
|----------------------------------|-----------|
| Body standard/optional           | IP54/IP56 |
| Wrist & J3 arm standard/optional | IP67      |

● standard ○ on request - not available [ ] with hardware and/or software option

\*Based on ISO9283